

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045076.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 00:04
 Operator : YP/AJ
 Sample : 01593-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:25:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.557	6456122	44.021 ug/ml
Spiked Amount 50.000		Recovery =	88.04%
6) S 2-Fluorobiphenyl (SURR)	8.414	4211108	42.190 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.38%
11) S ortho-Terphenyl (SURR)	11.454	4836268	26.021 ug/ml
Spiked Amount 50.000		Recovery =	52.04%
Target Compounds			
9) T Phenanthrene (C19.36)	10.679	147897	0.915 ug/ml
10) T Anthracene (C19.43)	10.752	45345	0.306 ug/ml
12) T Fluoranthene (C21.85)	12.483	327404	2.046 ug/ml
13) T Pyrene (C20.8)	12.778	281102	1.791 ug/ml
14) T Benzo[a]anthracene (C...	14.642	147528	1.034 ug/ml
15) T Chrysene (C27.41)	14.683	163712	1.106 ug/ml
16) T benzo[b]fluoranthene ...	16.186	153702	1.060 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	64390	0.452 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	112859	0.808 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	64329	0.478 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	64329	0.485 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	59889	0.440 ug/ml

(f)=RT Delta > 1/2 Window

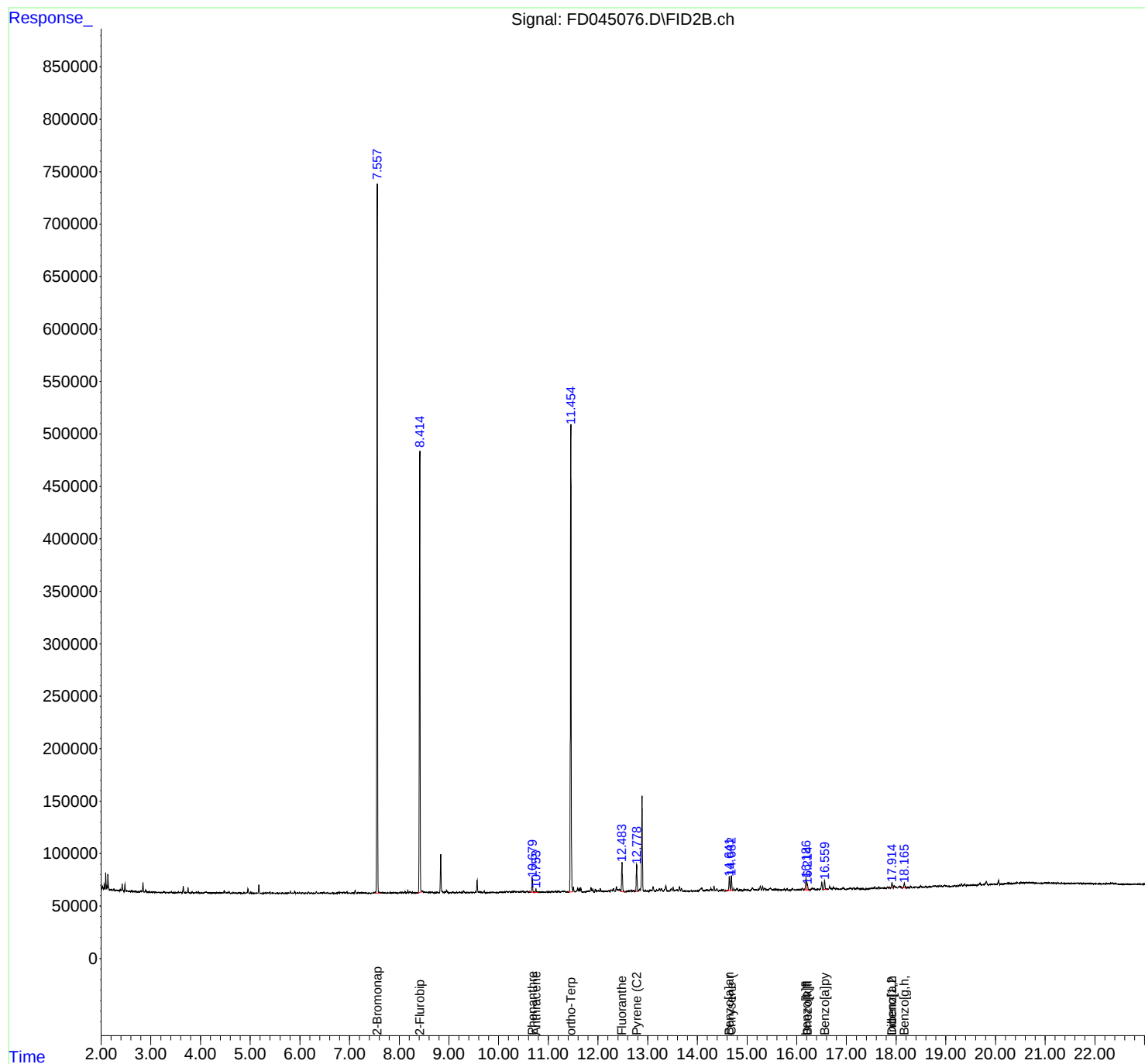
(m)=manual int.

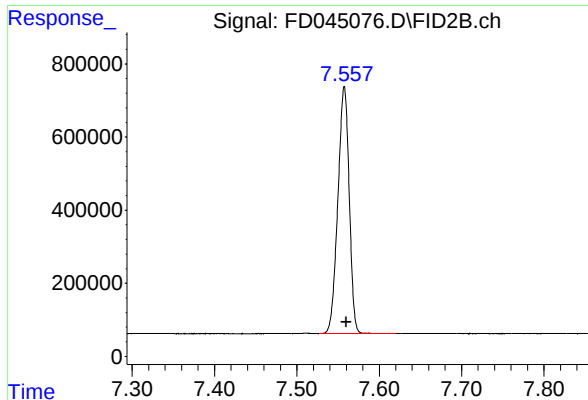
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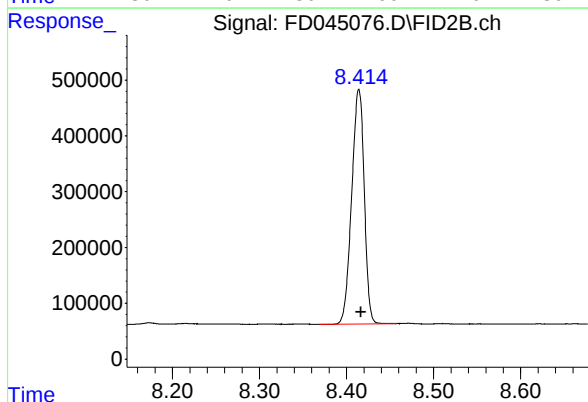




#4 2-Bromonaphthalene (SURR)

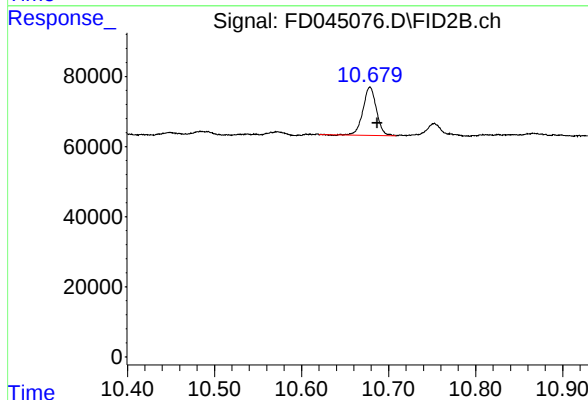
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6456122
Conc: 44.02 ug/ml

Instrument :
FID_D
ClientSampleId :



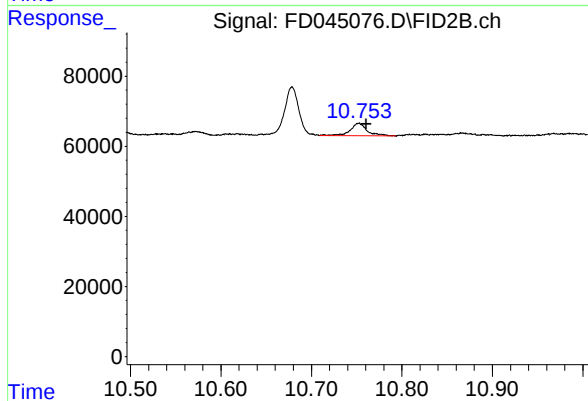
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4211108
Conc: 42.19 ug/ml



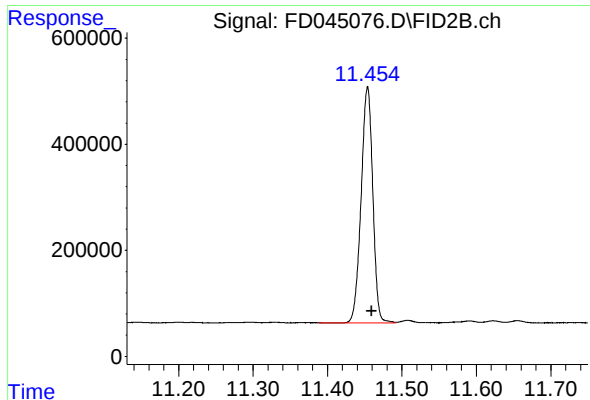
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.009 min
Response: 147897
Conc: 0.91 ug/ml



#10 Anthracene (C19.43)

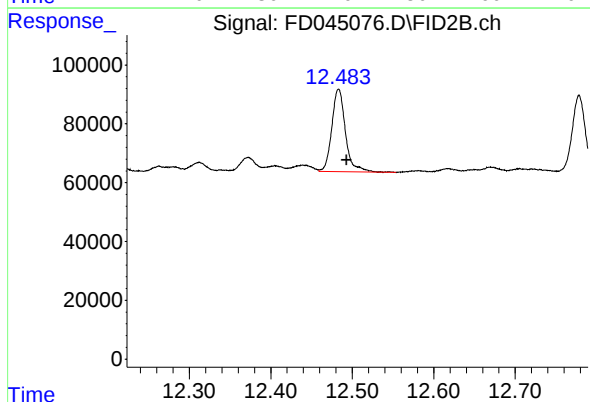
R.T.: 10.752 min
Delta R.T.: -0.008 min
Response: 45345
Conc: 0.31 ug/ml



#11 ortho-Terphenyl (SURR)

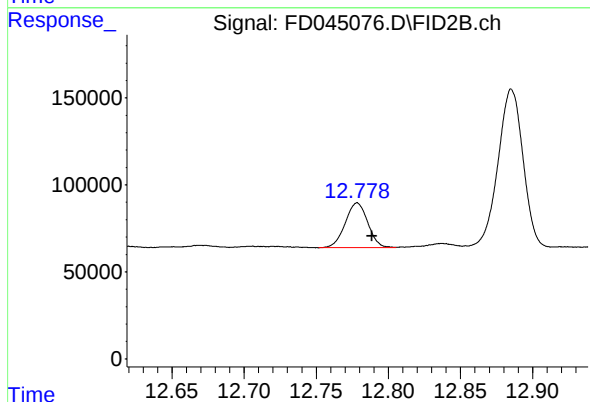
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 4836268
Conc: 26.02 ug/ml

Instrument :
FID_D
ClientSampleId :



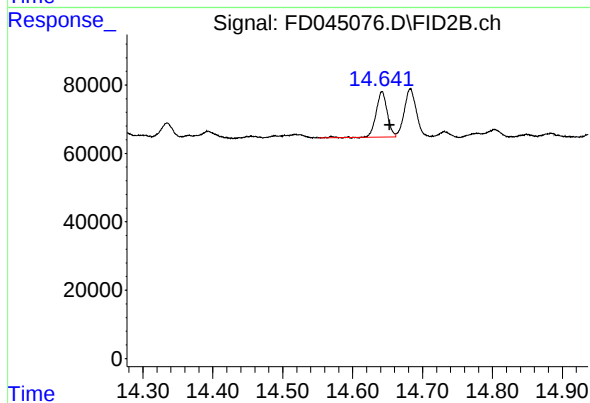
#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.010 min
Response: 327404
Conc: 2.05 ug/ml



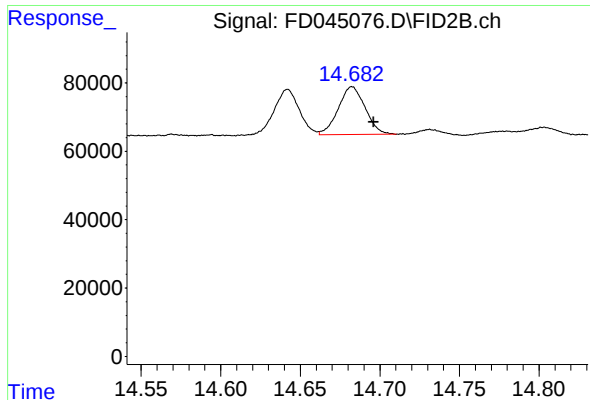
#13 Pyrene (C20.8)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 281102
Conc: 1.79 ug/ml



#14 Benzo[a]anthracene (C26.37)

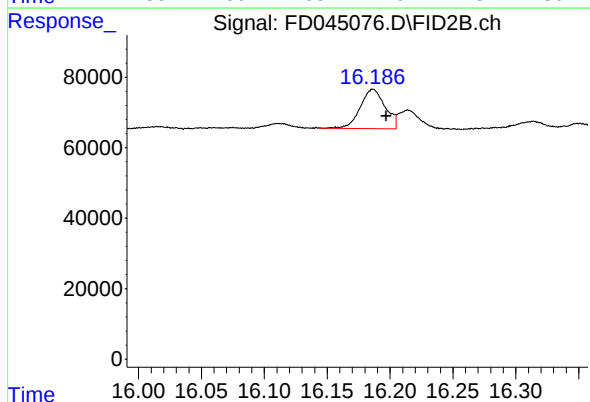
R.T.: 14.642 min
Delta R.T.: -0.011 min
Response: 147528
Conc: 1.03 ug/ml



#15 Chrysene (C27.41)

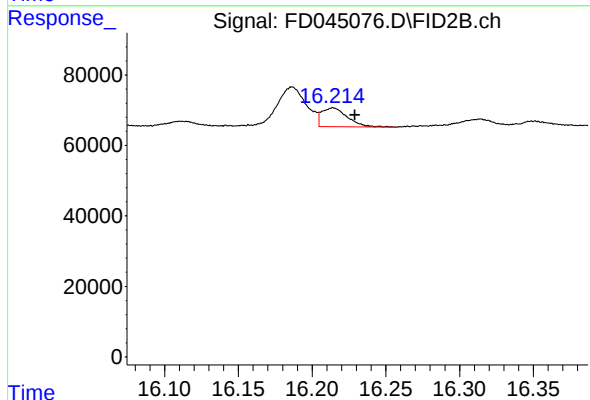
R.T.: 14.683 min
Delta R.T.: -0.014 min
Response: 163712
Conc: 1.11 ug/ml

Instrument :
FID_D
ClientSampleId :



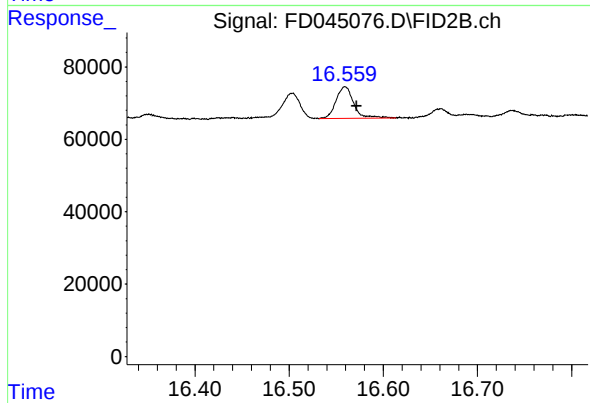
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: -0.011 min
Response: 153702
Conc: 1.06 ug/ml



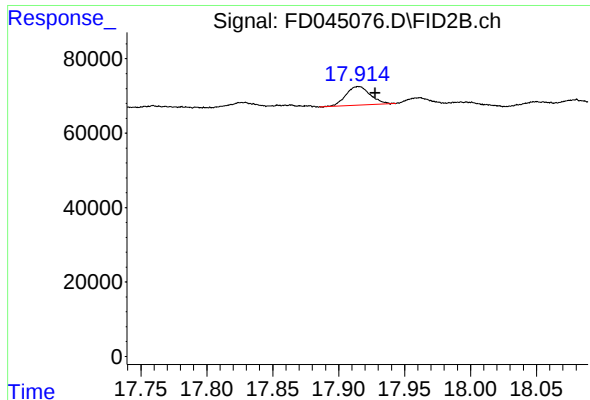
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min
Delta R.T.: -0.015 min
Response: 64390
Conc: 0.45 ug/ml



#18 Benzo[a]pyrene (C31.34)

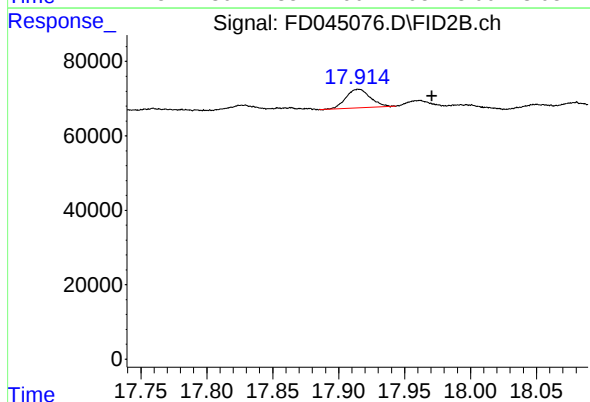
R.T.: 16.559 min
Delta R.T.: -0.013 min
Response: 112859
Conc: 0.81 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

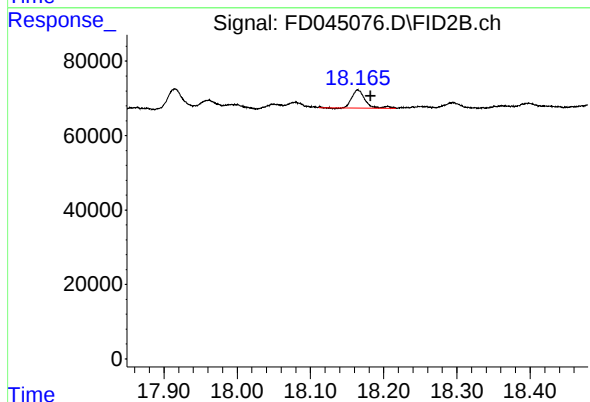
R.T.: 17.915 min
Delta R.T.: -0.013 min
Response: 64329
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.915 min
Delta R.T.: -0.056 min
Response: 64329
Conc: 0.49 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.165 min
Delta R.T.: -0.017 min
Response: 59889
Conc: 0.44 ug/ml